IN THE CLAIMS

Please amend the claims of the present application under the provisions of 37 C.F.R. §1.121(c), as indicated below:

- 1. (Cancelled):
- 2. (Previously presented): The derivatives according to claim 17, characterized in that the compound having formula (I) are present as tautomeric forms, pure or as blends of tautomeric forms, in any proportion whatsoever
- 3-12 (Cancelled):
- 13. (Currently amended): Herbicidal compositions containing, one or more compounds having general formula (I):

wherein A, B and R have the meanings according to claim [[18]] 17, possibly also as a blend of tautomers.

- 14. (Currently amended): The herbicidal compositions according to claim 13, including other herbicides, fungicides, insecticides, acaricides, fertilizers, compatible with the compounds having general formula (I).
- 15. (Original): The herbicidal compositions according to claim 14, characterized in that the additional herbicides are selected from: acetochlor, acifluorfen, aclonifen, AKH-7088, alachlor, alloxydim, ametryn, amicarbazone, amidosulfuron, amitrole, anilofos, asulam, atrazine, azafenidin,

azimsulfuron, aziprotryne, BAS 670 H, BAY MKH 6561, beflubutamid, benazolin, benfluralin, benfuresate, bensulfuron, bensulide, bentazone, benzfendizone, benzofenap, benzofenap, benzthiazuron, bifenox, bilanafos, bispyribac-sodium, bromacil, bromobutide, bromofenoxim, bromoxynil, butachlor, butafenacil, butamifos, butenachlor, butralin, butroxydim, butylate, cafenstrole, carbetamide, carfentrazone-ethyl, chlomethoxyfen, chloramben, chlorbromuron, chlorbufam, chlorflurenol, chloridazon, chlorimuron, chlornitrofen, chlorotoluron, chloroxuron, chlorpropham, chlorsulfuron, chlorthal, chlorthiamid, cinidon ethyl, cinmethylin, cinosulfuron, clethodim, clodinafop, clomazone, clomeprop, clopyralid, cloransulammethyl, cumyluron (JC-940), cyanazine, cycloatc, cyclosulfamuron, cycloxydim, cyhalofop-butyl, 2,4-D, 2,4-DB, daimuron, dalapon, desmedipham, desmetryn, dicamba, dichlobenil, dichlorprop, dichlorprop-P, diclofop, diclosulam, diethatyl, difenoxuron, difenzoquat, diflufenican, diflufenzopyr, dimefuron, dimepiperate, dimethachlor, dimethametryn, dimethenamid, dinitramine, dinosseb, dinoseb acetate, dinoterb, diphenamid, dipropetryn, diquat, dithiopyr, 1-diuron, eglinazine, endothal, EPTC, espropearb, ethalfluralin, ethametsulfuron-methyl, ethidimuron, ethiozin (SMY 1500), ethofumesate, ethoxyfen-ethyl (HC-252), ethoxysulfuron, etobenzanid (HW 52), senoxaprop, senoxaprop-P, sentrazamide, senuron, slamprop, slamprop-M, flazasulfuron, florasulam, fluazifop, fluazifop-P, fluazolate (JV 485), flucarbazonesodium, fluchloralin, flufenacet, flufenpyr cthyl, flumetsulam, flumiclorac-pentyl, flumioxazin, flumipropin, fluometuron, fluoroglycofen, fluoronitrofen, flupoxam, fluproanate, flupyrsulfuton, flurenol, fluridone, flurochloridone, fluroxypyr, flurtamone, fluthiacet-methyl, fomesafen, foramsulfuron, fosamine, furyloxyfen, glufosinate, glyphosate, halosulfuron-methyl, haloxyfop, haloxyfop-P-methyl, hexazinone, imazamethabenz, imazamox, imazapic, imazapyr, imazaquin, imazethapyr, imazosulfuron, indanofan, iodosulfuron, ioxynil, isopropalin, isoproturon, isouron, isoxaben, isoxachlortole, isoxaflutole, isoxapyrifop, KPP-421, lactofen, lenacil, linuron, LS830556, MCPA, MCPA-thioethyl, MCPB, mecoprop, mecoprop-P, mefenacet, mesosulfuron, mesotrione, metamitron, metazachlor,

methabenzthiazuron, mcthazole, methoprotryne, methyldymron, metobenzuron, metobromuron, metolachlor, S-metolachlor, metosulam, metoxuron, metribuzin, metsulfuron, molinate, monalide, monolinuron, naproanilide, napropamide, naptalam, NC-330, neburon, nicosulfuron, nipyraclofen, norflurazon, orbencarb, oryzalin, oxadiargyl, oxadiazon, oxasulfuron, oxaziclomefone, oxyfluorfen, paraquat, pebulate, pendimethalin, penoxsulam, pentanochlor, pentoxazone, pethoxamid, phenmedipham, picloram, picolinafen, piperophos, pretilachlor, primisulfuron, prodiamine, profluazol, proglinazine, prometon, prometryne, propachlor, propanil, propaquizafop, propazine, propham, propisochlor, propyzamide, prosulfocarb, prosulfuron, pyraclonil, pyraflufen-ethyl, pyrazogyl (HAS-961), pyrazolynate, pyrazosulfuron, pyrazoxyfen, pyribenzoxim, pyributicarb, pyridafol, pyridate, pyriftalid, pyriminobacmethyl, pyrithiobac-sodium, quinclorac, quinmerac, quizalofop, quizalofop-P, rimsulfuron, sethoxydim, siduron, simazine, simetryn, sulcotrione, sulfentrazone, sulfometuron-methyl, sulfosulfuron, 2,3,6-TBA, TCA-sodium, tebutam, tebuthiuron, tepraloxydim, terbacil, terbumeton, terbuthyl-azine, terbutryn, thenylchlor, thiazafluron, thiazopyr, thidiazimin, thifensulfuron-methyl, thiobencarb, tiocarbazil, tioclorim, tralkoxydim, tri-allate, triasulfuron, triaziflam, tribenuron, triclopyr, trietazine, trifloxysulfuron, trifluralin, triflusulfuron-methyl, tritosulfuron, UBI-C4874, vernolate.

16. (Orignal): The compositions according to any of the claims 13-15, characterized in that the concentration of active substance ranges from 1 to 90%.

17. (Currently amended): Derivatives of 1,3-diones having general formula (I):

wherein:

-A represents:

an aryl group optionally substituted by one or more substituents selected from halogen; NO2; CN; CHO; OH; linear or branched C1-C6 alkyl; linear or branched C1-C₆ haloalkyl; linear or branched C₁-C₆ alkoxyl; linear or branched C₁-C₆ baloalkoxyl; C₁-C₆ cyanoalkyl; C₂-C₆ alkoxyalkyl; C₂-C₆ alkylthioalkyl; C₂-C₆ alkylsulfinylalkyl; C2-C6 alkylsulfonylalkyl; C2-C6 haloalkoxyalkyl; C2-C6 haloalkylthioalkyl; C2-C6 haloalkylsulfinylalkyl; C2-C6 haloalkylsulfonylalkyl; C2-C6 alkoxyalkoxyl or C2-C6 haloalkoxyalkoxyl optionally substituted with a group selected from C1-C4 alkoxyl or C1-C4 haloalkoxyl; C2-C6 alkylthioalkoxyl; C2-C6 haloalkylthioalkoxyl; C3-C12 dialkoxyalkyl; C₃-C₁₂ dialkylthioalkyl; C₃-C₁₂ dialkylthioalkoxyl; C₃-C₁₂ dialkoxyalkoxyl; C2-C6 haloalkoxyhaloalkoxyl; C3-C10 alkoxyalkoxyalkyl; C2-C6 alkenyl; C2-C6 haloalkenyl; C2-C6 alkenyloxy; C2-C6 haloalkenyloxy; C3-C8 alkenyloxyalkoxyl; C₃-C₈ haloalkenyloxyalkoxyl; C₂-C₆ alkynyl; C₂-C₆ haloalkynyl; C2-C6 alkynyloxy; C2-C6 haloalkynyloxy; C3-C8 alkynyloxyalkoxyl; C3-C8 haloalkynyloxyalkoxyl; C₃-C₁₂ acylaminoalkoxy; C₂-C₈ alkoxyiminoalkyl; C₂-C₈ haloalkoxyiminoalkyl; C3-C8 alkcnyloxyiminoalkyl; C3-C8 haloalkenyloxyiminoalkyl; C₃-C₈ alkynyloxyiminoalkyl; C₃-C₈ haloalkynyloxyiminoalkyl; C₅-C₁₀ alkoxyalkynyloxyl; C₆-C₁₂ cycloalkylideneiminooxyalkyl; C₆-C₁₂ dialkylideneiminooxyalkyl; $-S(O)_mR_1$; $-OS(O)_tR_1$; $-SO_2NR_2R_3$; $-CO_2R_4$; - COR_5 ; $-CONR_6R_7$; $-CSNR_8R_9$; $-NR_{10}R_{11}$; $-NR_{12}COR_{13}$; $-NR_{14}CO_2R_{15}$; - $NR_{16}CONR_{17}R_{18}$; — $PO(R_{19})_2$; -Q; - ZQ_1 ; — $(CR_{20}R_{21})pQ_2$; - $Z(CR_{22}R_{23})pQ_3$; — $Z_2(CR_{34}R_{35})p(C=Y)T$; $-Z_3(CR_{36}R_{37})v(CR_{38}R_{39}=CR_{40}R_{41})(C=Y)T$;

or it represents a heterocyclic group selected from pyridyl; pyrimidyl; quinolinyl; pyrazolyl; thiazolyl; oxazolyl; thienyl; furyl; benzothienyl; dihydrobenzothienyl;

benzofuranyl; dihydrobenzofuranyl; benzoxazolyl; benzoxazolonyl; benzothiazolyl; benzothiazolonyl; benzoimidazolyl; benzoimidazolonyl; benzotriazolyl; chromanonyl; chromanyl; thiochromanonyl; thiochromanyl; 3a,4-dihydro-3H-indeno[1,2-c]isoxazolyl, 3a,4-dihydro-3H-chromeno[4, 3c]isoxazolyl, 5,5-dioxide-3a,4-dihydro-3H-thiochromeno[4,3-c]isoxazolyl, 2,3,3a,4tetrahydrochromeno[4,3-c]pyrazolyl, 6,6-dioxide-2,3-dihydro-5H-[1,4]dithiino[2,3c]thiochromenyl, 5,5-dioxide-2,3,3a,4-tetrahydrothiochromeno[4,3-c]pyrazolyl, 1',1'dioxide-2',3'-dihydrospiro[1,3-dioxolano-2,4'-thiochromen]-yl, 1,1,4,4-tetraoxide-2,3dihydro-1,4-benzodithiin-6-yl, 4,4-dioxide-2,3-dihydro-1,4-benzoxathiin-7-yl, 1,1dioxide-3-oxo-2,3-dihydro-1,2-benzoisothiazol-5-yl, 4-(alkoxyimino)-1,1-dioxide-3,4-dihydro-2H-thiochromen-6-yl, 1,1-dioxide-4-oxo-3,4-dihydro-2H-thiochromen-6yl, 2,3-dihydro-1,4-benzoxathiin-7-yl, with said heterocyclic groups optionally substituted by one or more substituents selected from halogen; NO2; CN; CHO; OH; linear or branched C1-C6 alkyl; linear or branched C1-C6 haloalkyl; linear or branched C₁-C₆ alkoxyl; linear or branched C₁-C₆ haloalkoxyl; C₁-C₆ cyanoalkyl; C₂-C₆ alkoxyalkyl; C2-C6 alkylthioalkyl; C2-C6 alkyl sulfinylalkyl; C2-C6 alkylsulfonylalkyl; C2-C6 haloalkoxyalkyl; C2-C6 haloalkylthioalkyl; C2-C6 haloalkylsulfinylalkyl; C2-C6 haloalkylsulfonylalkyl; C2-C6 alkoxyalkoxyl or C2-C6 haloalkoxyalkoxyl optionally substituted with a group selected from C1-C4 alkoxyl or C1-C4 haloalkoxyl; C2-C6 alkylthioalkoxyl; C2-C6 haloalkylthioalkoxyl; C3-C12 dialkoxyalkyl; C3-C12 dialkylthioalkyl; C₃-C₁₂ dialkylthioalkoxyl; C₃-C₁₂ dialkoxyalkoxyl; C₂-C₆ haloalkoxyhaloalkoxyl; C3-C10 alkoxyalkoxyalkyl; C2-C6 alkenyl; C2-C6 haloalkenyl; C2-C6 alkenyloxy; C2-C6 haloalkenyloxy; C3-C8 alkenyloxyalkoxyl; C3-C8 haloalkenyloxyalkoxyl; C2-C6 alkynyl; C2-C6 haloalkynyl; C2-C6 alkynyloxy; C2-C6 haloalkynyloxy; C₃-C₈ alkynyloxyalkoxyl; C₃-C₈ haloalkynyloxyalkoxyl; C₃-C₁₂ acylaminoalkoxy; C2-C8 alkoxyiminoalkyl; C2-C8 haloalkoxyiminoalkyl; C3-C8 alkenyloxyiminoalkyl; C3-C8 haloalkenyloxyiminoalkyl; C3-C8 alkynyloxyiminoalkyl; C3-C8 baloalkynyloxyiminoalkyl; C5-C30 alkoxyalkynyloxyl; C6-C12 cycloalkyl ideneiminooxyalkyl; C₀-C₁₂ dialkylideneiminooxyalkyl; —S(O)_mR₁; —OS(O)_tR₁; —

$$SO_{2}NR_{2}R_{3}; -CO_{2}R_{4}; -COR_{5}; -CONR_{6}R_{7}; -CSNR_{8}R_{9}; -NR_{10}R_{11}; --RR_{12}COR_{13}; -NR_{14}CO_{2}R_{15}; -NR_{16}CONR_{17}R_{18}; -PO(R_{19})_{2}; -Q; -ZQ_{1}; -(CR_{20}R_{21})_{p}Q_{2}; -Z(CR_{22}R_{23})_{p}Q_{3}; -(CR_{24}R_{25})_{p}ZQ_{4}; -(CR_{26}R_{27})_{p}Z(CR_{29}R_{29})_{q}Q_{5}; -(CR_{30}R_{31})_{p}Z(CR_{32}R_{33})_{q}Z_{1}Q_{6}; -Z_{2}(CR_{34}R_{35})_{p}(C=Y)T; -Z_{3}(CR_{36}R_{37}); -(CR_{38}R_{39}=CR_{40}R_{41})(C=Y)T;$$

- -B represents a D-(Rx)n group;
- -R represents a hydrogen atom; a linear or branched C_1 - C_6 alkyl group; a linear or branched C_1 - C_6 haloalkyl group; a C_3 - C_6 cycloalkyl or C_4 - C_{12} cyclo-alkylalkyl group optionally substituted with halogen atoms or C_1 - C_6 alkyl or C_1 - C_6 thioalkyl or C_1 - C_6 alkoxyl or C_2 - C_6 alkoxycarbonyl groups; C_2 - C_6 alkenyl groups; C_2 - C_6 alkynyl groups; the latter two groups; in turn; optionally substituted with halogen atoms; a C_5 - C_6 cycloalkenyl group optionally substituted with halogen atoms or C_1 - C_6 alkyl groups; an aryl or arylalkyl group optionally substituted;
- -R₁ and R₁₉ represent a C₁-C₆ alkyl group or a C₁-C₆ haloalkyl group; a C₃-C₆ cycloalkyl group; an aryl group optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxyl, linear or branched C₃-C₆ haloalkoxyl, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxycarbonyl;
- -m is equal to 0, 1 or 2;
- -t is equal to 1 or 2;
- -R₂, R₃, R₆, R₇, R₈, R₉, R₁₀, R₁₁, R₁₇ and R₁₈, the same or different, represent a hydrogen atom; a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms; a C₁-C₆ alkoxyl group; a C₂-C₆ cycloalkyl group; an arylalkyl

group or an aryl group; said arylalkyl and aryl groups also optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C_1 - C_6 alkyl, linear or branched C_1 - C_6 alkoxyl, linear or branched C_1 - C_6 alkoxyl, c₁- C_6 alkylsulfonyl, C₂- C_6 alkoxycarbonyl, or, together with the group bonded to the same N atom, they jointly represent a C_2 - C_5 alkylene group;

-R₄, R₅ and R₄₂ represent a hydrogen atom; a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms; a C₃-C₆ alkenyl group in turn optionally substituted with halogen atoms; a Q₇ group, an arylalkyl group optionally substituted by one or more substituents selected from halogen, NO₂, CN, CHO, linear or branched C₁-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxyl, linear or branched C₁-C₆ haloalkoxyl, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxy-carbonyl;

- R_{12} , R_{14} and R_{16} represent a hydrogen atom; a linear or branched C_1 - C_6 alkyl group in turn optionally substituted with halogen atoms; a C_3 - C_6 cycloalkyl group; a C_1 - C_6 alkoxyl group; a C_1 - C_6 haloalkoxyl group;

-R₁₃ and R₁₅ represent a hydrogen atom; a linear or branched C₁-C₆ alkyl group in turn optionally substituted with halogen atoms; a C₃-C₆ alkenyl group in turn optionally substituted with halogen atoms; a Q₇, NH₂, NHCN, NHNH₂, NHOH group, an arylalkyl group optionally substituted by one or more substituents selected from halogen, NO2, CN, CHO, linear or branched C₃-C₆ alkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ haloalkyl, linear or branched C₁-C₆ alkoxyl, linear or branched C₁-C₆ alkoxyl, C₁-C₆ alkylsulfonyl, C₂-C₆ alkoxycarbonyl;

 R_{20} , R_{21} , R_{22} , R_{23} , R_{24} , R_{25} , R_{26} , R_{27} , R_{28} , R_{29} , R_{30} , R_{31} , R_{32} , R_{33} , R_{34} , R_{35} , R_{36} , R_{37} , R_{38} , R_{39} , R_{40} and R_{41} , the same or different, represent: a hydrogen atom; a linear or

branched C_1 - C_6 alkyl group in turn optionally substituted with halogen atoms; a C_1 - C_6 alkoxyl group; or the two groups attached to the same carbon atom can be joined to each other by C_2 - C_5 alkylene groups, the alkylene groups can in turn be substituted with C_1 - C_3 alkyl groups;

-Q, Q_1 , Q_2 , Q_3 , Q_4 , Q_5 , Q_6 and Q_7 represent an aryl group; a C_3 - C_6 cycloalkyl group; a C5-C6 cycloalkenyl group; a heterocyclic group selected from triazolyl; triazolonyl; pyrazolyl; imidazolyl; imidazolidinonyl; tetrazolyl; tetrazolonyl; isoxazolyl; furyl; thienyl; pyrrolyl; pyrrolidinyl; pyrrolidinonyl; pyridyl; pyrimidinyl; pyrimidinonyl; pyrazinyl; pyridazinyl; oxazolyl; thiazolyl; oxadiazolyl; thiadiazolyl; isothiazolyl; benzoxazolyl; benzothiazolyl; isoxazolinyl; 1,3-dioxanyl; 1,4-dioxanyl; 1,3dioxolanyl; tetrahydropyranyl; oxethanyl; oxyranyl; thiazolidinyl; oxazolidinyl; piperidinyl; piperidinonyl; piperazinyl; morpholinyl; thiazinyl; tetrahydrofuranyl; dioxazolyl; tetrahydrofuroisoxazolyl; 2-oxa-3-azabicyclo[3.1.0]hex-3-enyl; said groups optionally substituted by one or more substituents selected from halogen: NO2: OH; CN; CHO; linear or branched C1-C6 alkyl; linear or branched C1-C6 haloalkyl; linear or branched C_1 - C_6 alkoxyl; linear or branched C_1 - C_6 haloalkoxyl; C₁-C₆ cyanoalkyl; C₂-C₆ alkoxyalkyl; C₂-C₆ alkylthioalkyl; C₂-C₆ alkylsulfinylalkyl; C2-C6 alkylsulfonylalkyl; C2-C6 haloalkoxyalkyl; C2-C6 haloalkylthioalkyl; C2-C6 haloalkylsulfinylalkyl; C2-C6 haloalkylsulfonylalkyl; C2-C6 alkoxyalkoxyl or C2-C6 haloalkoxyalkoxyl optionally substituted with a group selected from C1-C4 alkoxyl or C₁-C₄ haloalkoxyl; C₂-C₆ alkylthioalkoxyl; C₂-C₆ haloalkylthioalkoxyl; C₃-C₁₂ dialkoxyalkyl; C3-C12 dialkylthioalkyl; C3-C12 dialkylthioalkoxyl; C3-C12 dialkoxyalkoxyl; C2-C6 haloalkoxyhaloalkoxyl; C3-C10 alkoxyalkoxyalkyl; C2-C6 alkenyl; C2-C6 haloalkenyl; C2-C6 alkenyloxy; C2-C6 haloalkenyloxy; C3-C8 alkenyloxyalkoxyl; C₃-C₈ haloalkenyloxyalkoxyl; C₂-C₆ alkynyl; C₂-C₆ haloalkynyl; C2-C6 alkynyloxy; C2-C6 haloalkynyloxy; C3-C8 alkynyloxyalkoxyl; C3-C8 haloalkynyloxyalkoxyl; C_3 - C_{12} acylaminoalkoxy; C_2 - C_8 alkoxyiminoalkyl; C_2 - C_8 haloalkoxyiminoalkyl; C3-C8 alkenyloxyiminoalkyl; C3-C8 haloalkenyloxyiminoalkyl;

```
\begin{split} &C_3\text{-}C_8 \text{ alkynyloxyiminoalkyl; } C_3\text{-}C_8 \text{ haloalkynyloxyiminoalkyl; } C_5\text{-}C_{10} \\ &\text{alkoxyalkynyloxyl; } C_6\text{-}C_{12} \text{ cycloalkylideneiminooxyalkyl; } C_6\text{-}C_{12} \\ &\text{dialkylideneiminooxyalkyl; aryl optionally substituted; } &-S(O)_mR_1; &-OS(O)_tR_1; &-SO_2NR_2R_3; &-CO_2R_4; &-COR_5; &-CONR_6R_7; &-CSNR_8R_9; &-NR_{10}R_{11}; &-NR_{12}COR_{13}; &-NR_{14}CO_2R_{15}; &-NR_{16}CONR_{17}R_{18}; &-PO(R_{19})_2; &-Z_2(CR_{34}R_{35})_p(C=Y)T; \\ &-Z_3(CR_{36}R_37)_v(CR_{38}R_{39}=CR_{40}R_{41})(C=Y)T; \end{split}
```

 $Z, Z_1, Z_2=0, S(0)_r;$

Y=0, S;

r is equal to 0, 1 or 2;

p, q are equal to 1, 2, 3 or 4;

v is equal to 0 or 1;

Z₃=O, S or a direct bond;

T represents: a hydrogen atom; a Z₄R₄₂ group; a —NR₄₃R₄₄ group; an aryl group or a heterocyclic group selected from triazolyl; triazolonyl; pyrazolyl; imidazolyl; imidazolyl; imidazolyl; tetrazolonyl; pyrrolyl; pyrrolidinyl; pyrrolidinonyl; pyrrolyl; pyrrolidinyl; pyrrolidinyl; pyrrolidinyl; piperidinyl; piperidinonyl; piperazinyl; morpholinyl; said aryl and hetrocyclic groups optionally substituted by one or more substituents selected from halogen; NO₂; OH; CN; CHO; linear or branched C₁-C₆ alkyl; linear or branched C₁-C₆ haloalkyl; C₃-C₆ cycloalkyl; C₅-C₆ cycloalkenyl; linear or branched C₁-C₆ alkoxyl; linear or branched C₁-C₆ alkoxyl; linear or branched C₁-C₆ alkoxyl; C₂-C₆ alkylthioalkyl; C₂-C₆ alkylsulfinylalkyl; C₂-C₆ alkylsulfonylalkyl;

 C_2 - C_6 haloalkyxyalkyl; C_2 - C_6 haloalkylthioalkyl; C_2 - C_6 haloalkylsulfinylalkyl; C_2 - C_6 haloalkylsulfonylalkyl; -S(O)_mR₁;

Z₄=O, S or a direct bond;

 R_{43} and R_{44} , the same or different, represent: a hydrogen atom; a linear or branched C_1 - C_6 alkyl group in turn optionally substituted with halogen atoms; a C_3 - C_6 alkenyl group in turn optionally substituted with halogen atoms; a Q_7 group; an arylalkyl group optionally substituted by one or more substituents selected from halogen; NO_2 ; CN; CHO; linear or branched C_1 - C_6 alkyl; linear or branched C_1 - C_6 haloalkyl; linear or branched C_1 - C_6 alkoxyl; linear or branched C_1 - C_6 haloalkoxyl; C_1 - C_6 alkylsulfonyl; C_2 - C_6 alkoxycarbonyl; or they jointly represent a C_2 - C_5 alkylene chain;

D represents: a heterocyclic group of the heteroaryl or heterocyclic type, in all the above cases the heterocycle can be mono or polycyclic and can be connected to the rest of the structure either through one of its carbon atoms or, when possible, through one of its nitrogen atoms; or it represents a mono or polycyclic aryl group, in this latter case, the group can also be partially saturated;

 R_x represents a substituent selected from: hydrogen; halogen; NO₂; CN; CHO; OH; linear or branched C_1 - C_6 alkyl; linear or branched C_1 - C_6 haloalkyl; linear or branched C_1 - C_6 alkoxyl; linear or branched C_1 - C_6 haloalkoxyl; C_1 - C_6 cyanoalkyl; C_2 - C_6 alkylthioalkyl; C_2 - C_6 alkylsulfinylalkyl; C_2 - C_6 alkylsulfinylalkyl; C_2 - C_6 alkylsulfinylalkyl; C_2 - C_6 haloalkoxyalkyl; C_2 - C_6 haloalkylthioalkyl; C_2 - C_6 haloalkylsulfinylalkyl; C_2 - C_6 haloalkylsulfonylalkyl; C_2 - C_6 alkoxyalkoxyl or C_2 - C_6 haloalkoxyalkoxyl optionally substituted with a group selected from C_1 - C_4 alkoxyl or C_1 - C_4 haloalkoxyl; C_3 - C_1 2 dialkoxyalkyl; C_3 - C_1 2 dialkoxyalkyl; C_3 - C_1 2 dialkoxyalkoxyl; C_3 - C_1 2 dialkoxyalkoxyl; C_3 - C_1 2 dialkoxyalkoxyl; C_3 - C_1 6 haloalkoxyhaloalkoxyl; C_3 - C_1 6 alkoxyalkoxyalkoxyl; C_2 - C_6 alkenyl; C_2 - C_6 haloalkoxyl; C_2 - C_6 alkenyl; C_3 - C_1 6 alkenyl; C_3 - C_1 6

haloalkenyloxy; C_3 - C_6 alkenyloxyalkoxyl; C_3 - C_6 haloalkenyloxyalkoxyl; C_2 - C_6 alkynyl; C_2 - C_6 haloalkynyloxy; C_2 - C_6 haloalkynyloxy; C_3 - C_8 alkynyloxyalkoxyl; C_3 - C_8 haloalkynyloxyalkoxyl; C_3 - C_1 2 acylaminoalkoxy; C_2 - C_8 alkoxyiminoalkyl; C_3 - C_8 haloalkoxyiminoalkyl; C_3 - C_8 alkenyloxyiminoalkyl; C_3 - C_8 haloalkenyloxyiminoalkyl; C_3 - C_8 alkynyloxyiminoalkyl; C_3 - C_8 haloalkynyloxyiminoalkyl; C_5 - C_{10} alkoxyalkynyloxyl; C_6 - C_{12} cycloalkylideneiminooxyalkyl; C_6 - C_{12} dialkylideneiminooxyalkyl; $-S(O)_mR_1$; $-S(O)_mR_1$; -S(O

n=1-9;

excluding the following compounds having general formula (I) wherein A, B and R have the following meanings: A=4-chlorophenyl, B=1-methylimidazol-2-yl, R=H; A=4-nitrophenyl, B=1-(2-hydroxyethyl)-5-nitroimidazol-2-yl, R=H; A=phenyl, B=1H-benzimidazol-2-yl, R=C₂H₅; A=phenyl, B=4H-1-benzopyran-4-yl, R=CH₃; A=4-nitrophenyl, B=3-(4-methylphenyl)-1,2,4-oxadiazol-5-yl, R=CH₃; A=phenyl, B=4-chloro-2,5-dioxo-2,5-dihydro-1H-pyrrol-3-yl, R=CH₃; A=phenyl, B=2-acetyl-1,2,3,4-tetrahydroisoquinolin-1-yl, R=C₂H₅; A=2-hydroxy-4-methoxyphenyl, B=thiazol-4-yl, R=CH₃; A=phenyl, B=2,5-diphenyl-1,3-oxathiol-2-yl, R=CH₃; A=phenyl, B=furan-2-yl, R=CH₃; A=phenyl, B=1,3-dithian-2-yl, R=CH₃; A=phenyl, B=4-chlorothien-2-yl, R=H; A=phenyl, B=5-methylthien-2-yl, R=H; A=phenyl, B=6-phenylpyrazin-2-yl, R=CH₃; A=phenyl, B=3,4-dihydro-3-methyl-2-oxo-2H-1,3-benzo-oxazin-4-yl, R=CH₃; A=phenyl, B=2-phenyl, B=5-phenyl, B=5-phenyl, B=2-phenyl, B=2-pheny

yl, R=CH₃; A=phenyl, B=5-methylfuran-2-yl, R=CH₃; A=phenyl, B=3-(4methylphenyl)-1,2,4-oxadiazol-5-yl, R=CH3; A=phenyl, B=tetrahydrofuran-2-yl, R=CH₃; A=phenyl, B=2,3-dihydro-3-hydroxy-2-oxo-1H-indol-3-yl, R=CH₃, A=phenyl, B=4-chloro-1-methyl-2,5-dioxo-2,5-dihydro-pyrrol-3-yl, R=CH₃; A=phenyl, B=22-trifluoroacetyl-1,2,3,4-tetrahydroiso-quinolin-1-yl, R=C₂H₅; A=phenyl, B=2-acetyl-1,2,3,4-tetrahydroisoguinolin-1-yl, R=CH3; A=4-nitrophenyl, B=2-(4-nitrophenyl)-3,5,6-triphenyl-pyridin-4-yl, R=CH₃; A=phenyl, B=4,6-bis (dimethylamino)-1,3,5-triazin-2-yl, R= CH₃; A=phenyl, B=4-methoxy-5-tert-butoxycarbonyl-1H-pyrro-2-yl, R=CH₃, A=phenyl, B=1,3-dihydro-3-oxo-isobenzofuran-1-yl, R=CH₃; A=phenyl, B=(5methoxycarbonylmethyl)thien-2-yl, R=H;A=phenyl, B=4-methylthien-2-yl, R=H; A=phenyl, B=1,4-dihydro-1-methyl-3-nitroquinolin-4-yl, R=H: A=phenyl, B=thien-2-yl, R=H; A=phenyl, B=6-methylbenzothiazol-2-yl, R= CH₃; A=2methoxycarbonylphenyl, B=phenyl, R= CH₃; A=2-benzyloxy-4-methoxyphenyl, B=2,3,4-trimethoxyphenyl, R=H; A=4,5-dimethoxy-2-nitrophenyl, B=3,4dimethoxyphenyl, R=H; A=2-nitrophenyl, B=phenyl, R=H; A=2,4,5trimethoxyphenyl, B=4-methoxyphenyl, R=H; A=4-bromophenyl, B=phenyl, R=H; A=4-bromophenyl, B=2,4-dinitrophenyl, R=CH₃; A=4-chlorophenyl, B=phenyl, R=H;A=2,4-dibenzyloxy-5-methoxyphenyl, B=1,3-benzodioxol-5-yl, R=H; A=2,4-dibenzyloxyphenyl, B=1,3-benzodioxol-5-yl, R=H;A=4-methoxyphenyl, B=2carboxyphenyl, R=H; A=4-methylphenyl, B=2,4-dinitrophenyl, R=CH₃; A=4hydroxy-3-methoxyphenyl, B=4-hydroxy-3-methoxyphenyl, R=H; A=2-nitrophenyl, B=4-methylphenyl, R=H; A=4-chlorophenyl, B=4-chlorophenyl, R=H; A=2,4diacetoxyphonyl, B=phonyl, R=CH₃; A=3-methoxyphonyl, B=phonyl, R=C₂R₅; A=4-nitrophenyl, B=phenyl, R=H; A=2-nitrophenyl, B=4-n-butoxyphenyl, R=H; A=2-nitro-4-chlorophenyl, B=4-methylphenyl, R=H; A=phenyl, B=8carboxynaphthalenyl, R= CH₃; A=2,5-dimethoxyphenyl, B=2-hydroxyphenyl, R=C₂R₅; A=4-fluorophenyl, B=2-nitro-4-trifluoromethylphenyl, R=CH₃;

A=3-chloro-4-methylphenyl, B=2,4-dinitrophenyl, R=CH3;A=2-nitro-4chlorophenyl, B=phenyl, R=H;A=4,5-dimethoxy-2-nitrophenyl, B=4-methylphenyl, R=H; A=2-carboxy-6-nitrophenyl, B=phenyl, R= CH₃; A=2,4,5-trimethoxyphenyl, B=3-methoxyphenyl, R=H; A=phenyl, B=4-bromophenyl, R=H; A=6-benzyloxy-2,3,4-trimethoxyphenyl, B=1,3-bcnzodioxol-5-yl, R=H; A=4,5-dimethoxy-2nitrophenyl, B=4-methoxyphenyl, R=H; A=4,5-dimethoxy-2-nitrophenyl, B=4chlorophenyl, R=H; A=2,4-dibenzyloxyphenyl, B=4-methoxyphenyl, R=H; A=4-methylphenyl, B=4-methylphenyl, R=H; A=4-dimethylaminophenyl, B=phenyl, R=H; A=4-methoxyphenyl, B=phenyl, R=H; A=4,5-dichloro-2-nitrophenyl, B=4chlorophenyl, R=H; A=2-nitrophenyl, B=4-methoxyphenyl, R=H; A=phenyl, B=2,5dimethoxycarbonylaminophenyl, R= CH₃; A=4-hydroxy-4-methoxyphenyl, B=2methoxyphenyl, R=H;A=phenyl, B=4-methylphenyl, R=H; A=2-nitrophenyl, B=4-ethoxyphenyl, R=H; A=2-nitro-4-chlorophenyl, B=4methoxyphcnyl, R=H; A=4-chlorophenyl, B=phenyl, R=C₂H₅; A=2-tbutoxycarbonyl-5-ethyl-4-methoxyphenyl, B=2,3-dihydro-7-methyl-1,4-benzodioxin-6-yl, R=t-butyl; A=phenyl, B=2-nitro-4-trifluoromethylphenyl, R= CH₃; A=3,4-dichlorophenyl, B=2,4-dinitrophenyl, R= CH₃;A=4,5-dichloro-2-nitrophenyl, B=4-methoxyphenyl, R=H;A=4-methoxy-2-nitrophenyl, B=4-methylphenyl, R=H; A=phenyl, B=anthracene-9-yl, R= CH3; A=phenyl, B=4-methoxyphenyl, R=H; A=2,4,5-trimethoxyphenyl, B=phenyl, R=H; A=2,4-diacetoxyphenyl, B=2,4,5trimethoxyphenyl, R=CH₃; A=2-hydroxyphenyl, B=phenyl, R=H; A=4-methoxy-2-nitrophenyl, B=phenyl, R=H; A=4,5-dimethoxy-2-nitrophenyl, Bphenyl, R=H;A=2,4-dinitrophenyl, B=phenyl, R=CH3; A=phenyl, B=phenyl, R= CH₃; A=phcnyl, B=4-dimethylaminophenyl, R=H; A=phenyl, B=2,4-dinitrophenyl, R=CH₃; A=4,5-dichloro-2-nitrophenyl, B=4-methylphenyl, R=H; A=4-bromophenyl, B=phenyl, R=CH₃; A=2-(4-methylphenylsulfonyloxy)-6methoxyphenyl, B=phenyl, R=H; A=4-methylsulfonylphenyl, B=2-methoxyphenyl, R=CH₃; A=4-methoxyphenyl, B=4-methoxyphenyl, R=CH₃;

03/04/2008 16:03

Application Number: 10/573,052 Examiner: HAVLIN, ROBERT H

HEDMANCOSTIGAN

A=phenyl, B=4-chlorophenyl, R=H; A=2-nitrophenyl, B=4-nitrophenyl, R=H; A=phenyl, B=phenyl, R=H; A=2,4-dimethoxyphenyl, B=4-methoxyphenyl, R=H; A=2-nitrophenyl, B=4-n-hexyloxyphenyl, R=H; A=4-methoxy-2-nitrophenyl, B=4methoxyphonyl, R=H; A=phenyl, B=9-carboxyphenanthren-10-yl, R=CH₃; A=phenyl, B=phenyl, R=CH₃; A=3,4-dimethoxyphenyl, B=3,4-dimethoxyphenyl, R=H; A=2,4-dimethoxyphenyl, B=phenyl, R=H; A=phenyl, B=2-hydroxy-3,4,6trimethyl-5-methoxyphenyl, R=CH3; A=4-chloro-2-nitrophenyl, B=4-chlorophenyl, R=H; A=2-nitrophenyl, B=4-chlorophenyl, R=H; A=2.4,5-trimethoxyphenyl, B=3,4dimethoxyphenyl, R=H; A=4-chlorophenyl, B=2,4-dinitrophenyl, R= CH₃; A=4,5-dichloro-2-nitrophenyl, B=phenyl, R=H; A=4-methoxyphenyl, B=phenyl, R= CH₃; A=2,4-dibenzyloxyphenyl, B=3,4-dimethoxyphenyl, R=H; A=4methylthiophenyl, B=4-methoxyphenyl, R=CH₃;A=phenyl, B=phenyl, R=C₂H₅; A=4-methoxyphenyl, B=2,4-dinitrophenyl, R= CH₃; A=2-nitrophenyl, B=3chlorophenyl, R=H; A=2-nitrophenyl, B==3,4-dimethoxyphenyl, R=H; A=4-methoxyphenyl, B=4-methoxyphenyl, R=H; A=2-hydroxyphenyl, B=4methoxyphenyl, R=H; A=phenyl, B=2,5-bis(phenacylamino)phenyl, R=CH₃; A=4-nitrophenyl, B=4-methylphenyl, R=H; A=2-nitrophenyl, B=4-npentyloxyphenyl, R=H; A=4-methoxy-2-nitrophenyl, B=4-chlorophenyl, R=H; A=phenyl, B=2-carboxynaphthalen-1-yl, R=CH₃.

18 (Canceled):